



USPTO-1449

**U.S. Department of Commerce
Patent and Trademark Office**

Application Number	09/464,902
Filing Date	December 16, 1999
First Named Inventor	William C. Olson et al.
Art Unit	1648
Examiner Name	Emily Le
Attorney Docket No.	2048/57906-A/JPW/AJD

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

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Examiner Initials ¹	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document

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elle	2	WO/9747318 A	12-18-1997	Allaway, Graham P. et al.	

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Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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Applicants: William C. Olson, et al.
Serial No.: 09/464,902
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Exhibit A

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ele	A	Allaway, G.P., K.L. Davis-Bruno, B.A. Beaudry, E.B. Garcia, E.L. Wong, A.M. Ryder, K.W. Hasel, M.C. Gaudin, R.A. Koup, J.S. McDougal and P.J. Maddon. 1995 Expression and characterization of CD4-IgG2, a novel heterotetramer that neutralizes primary HIV type 1 isolates. AIDS Res Hum Retroviruses 11:533-539. (Exhibit 1);
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	E	Bieniasz, P.D., R.A. Fridell, I. Aramori, S.S.G. Ferguson, M.C. Caron and B.R. Cullen. 1997. HIV-1 induced cell fusion is mediated by multiple regions within both the viral envelope and the CCR5 co-receptor. EMBO 16:2599-2609 (Exhibit 5);
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	G	Chan, D.C. and P.S. Kim. 1998. HIV entry and its inhibition. Cell 93:681-684 (Exhibit 7);
	H	Connor, R.I. K.E. Sheridan, D. Ceradini, S. Choe and N.R. Landau. 1997. Change in co-receptor use correlates with disease progression in HIV-1 infected individuals. J. Exp. Med. 185:621-628 (Exhibit 8);

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K	Donzella, G.A., D. Schols, S.W. Lin, J.A. Este, K.A. Nagashima, P.J. Maddon, G.P. Allaway, T.P. Sakamar, G. Henson, E.D. Clercq and J.P. Moore. 1998 AMD3100, a small molecule inhibitor of HIV-1 entry via the CXCR4 co-receptor. Nat. Med. 4:72-77 (Exhibit 11);
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AB	Choe, H., M. Farzan, Y. Sun, N. Sullivan, B. Rollins, P.D. Ponath, L. Wu, C.R. Mackay, G. LaRosa, W. Newman, N. Gerard, C. Gerard, and J. Sodroski. The Beta-Chemokine Receptors CCR3 and CCR5 Facilitate Infection by Primary HIV-1 Isolates. Cell 85: 1135-1148 (Exhibit 28)

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<i>ur</i> A	Fradd, B., M.E. McCarthy. 1989. AIDS Vaccines: An Investor's Guide by Shearman Lehman Hutton. Page 10 (Fig. 2) (Exhibit 1).
↓ B	De Rossi, A., M. Pasti, F. Mammano, M. Panozzo, M. Dettin, C. Di Bello and L. Chieco-Bianchi. 1991. Synthetic Peptides from the Principal Neutralizing Domain of Human Immunodeficiency Virus Type 1 (HIV-1) Enhance HIV-1 Infection through a CD4-Dependent Mechanism. Virology 184:187-196 (Exhibit 2).

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Applicants: William C. Olson
 and Paul J. Maddon
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 Exhibit C

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ell		Dean, M. et al., (1996) "Genetic Restriction Of HIV-1 Infection And Progression To AIDS By A Deletion Allele Of The CKR5 Structural Gene", <i>Science</i> 273:1856-1862.	
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Form PTO-1449 SEP 19 2006 U.S. Department of Commerce Patent and Trademark Office		Application Number 09/464,902 Filing Date December 16, 1999 First Named Inventor Olson et al. Art Unit 1648 Examiner Name Emily Lee Attorney Docket No. 57906-A/JPW/AG			
INFORMATION DISCLOSURE STATEMENT (Use separate sheets if necessary)					
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Applicants: William C. Olson
 and Paul J. Maddon
 U.S. Serial No. 09/464,902
 Filed: December 16, 1999
 Exhibit C

Form PTO-1449 U.S. Department of Commerce
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First Named Inventor Olson et al.
Art Unit 1648
Examiner Name Emily Lee
Attorney Docket No. 57906-A/JPW/AG

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